

Title (en)
MULTI-CHAMBER CONTAINER ELEMENT BODY

Title (de)
MEHRKAMMERBEHÄLTERELEMENTKÖRPER

Title (fr)
CORPS D'ELEMENT DE CONTENEUR A COMPARTIMENTS MULTIPLES

Publication
EP 1510466 B1 20060830 (EN)

Application
EP 03730717 A 20030530

Priority
• JP 0306824 W 20030530
• JP 2002160208 A 20020531
• JP 2002160209 A 20020531

Abstract (en)
[origin: EP1510466A1] The object of this invention is to provide a multi-partitioned tubes of a tubular container, in which inner space is divided by a partition wall or walls into multiple compartments disposed in a row. Technically, such a multi-partitioned tubes can be manufactured in a single molding operation, at a low cost, and in as few production steps as possible, causing no seam that spoils the appearance of the multi-partitioned tubular body and allowing the lower end of the tube to be pressed flat in a uniform thickness. The tubular body comprises the inner layer 2 and the outer layer 3 detachably laminated with each other over some peripheral length or lengths in a certain range or ranges of the ring cross-section. The inner layer 2 can be broken away from the outer layer 3 to form a partition wall or walls 8 that divide the inner space 9 of the tubular body into compartments. <IMAGE>

IPC 8 full level
B65D 35/22 (2006.01); **B65D 81/32** (2006.01)

CPC (source: EP KR US)
B65D 35/22 (2013.01 - EP KR US); **B65D 81/32** (2013.01 - EP KR US)

Cited by
EP1832523A1; FR2898340A1; GB2465909A; GB2465909B; WO2009022123A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1510466 A1 20050302; EP 1510466 A4 20050831; EP 1510466 B1 20060830; AU 2003241959 A1 20031219; AU 2003241959 B2 20090521; CA 2487640 A1 20031211; CA 2487640 C 20101207; CN 1329253 C 20070801; CN 1545467 A 20041110; DE 60308024 D1 20061012; DE 60308024 T2 20070111; KR 100960197 B1 20100527; KR 20050008632 A 20050121; TW 200402385 A 20040216; TW I289529 B 20071111; US 2005126936 A1 20050616; US 7337925 B2 20080304; WO 03101851 A1 20031211

DOCDB simple family (application)
EP 03730717 A 20030530; AU 2003241959 A 20030530; CA 2487640 A 20030530; CN 03800797 A 20030530; DE 60308024 T 20030530; JP 0306824 W 20030530; KR 20047001799 A 20030530; TW 92114931 A 20030602; US 50749904 A 20041105